

**New England Telephone and Telegraph Company****19. Line Sharing**  
**19.1 General**

Rates and charges for service explained herein are contained in Part M, Section 2.19.

<b>19.1.1 Description</b>	
<b>A.</b>	A TC may request a line sharing arrangement for nondiscriminatory access to the high frequency portion of an existing copper loop for its own use. The Telephone Company provides and continues to provide analog circuit-switched voice grade services over the same copper loop.
<b>1.</b>	The high frequency portion of a loop is the frequency range above the voiceband on a copper facility that is being used to carry analog circuit-switched voiceband transmissions.
<b>B.</b>	Access to line sharing is provided through collocation arrangements.

<b>19.1.2 Ordering Service</b>	
<b>A.</b>	<b>Pre-ordering</b> —A loop must first be pre-qualified to determine if it is xDSL compatible as described in Part B, Section 5.4.2.
<b>B.</b>	If conditioning is required to make a loop capable of supporting a line sharing arrangement, the Telephone Company will provide digital designed links as described in Part B, Section 5.4.1.
<b>1.</b>	The Telephone Company will not provide digital designed links if such conditioning is likely to degrade the voice grade service being provided to the Telephone Company's end user customer over that same loop.
<b>C.</b>	In order for a loop to be eligible for line sharing, the following conditions must be satisfied for the duration of the line sharing arrangement.
<b>1.</b>	The loop must be an xDSL compatible copper loop that is presumed to be acceptable for shared line deployment in accordance with FCC rules.
<b>2.</b>	The Telephone Company must be providing simultaneous circuit-switched analog voice grade service to the customer served by the loop in question.
<b>3.</b>	The Telephone Company's end user customer's dial tone must originate from a Telephone Company end office switch in the wire center where the line sharing arrangement is being requested.
<b>4.</b>	The xDSL technology to be deployed by the TC on that loop must not degrade the performance of other services provided on that loop or interfere with the operation of other services in the same or adjacent binder groups.
<b>a.</b>	Binder groups are copper pairs bundled together, generally in groups of 25, 50 or 100.
<b>D.</b>	Splitter arrangements must be installed prior to submitting an order for line sharing (refer to Part E, Section 2.5 or 3.4).

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<b>19.1.3 Regulations</b>	
<b>A.</b>	The Telephone Company and the TC will follow agreed upon standards and employ methods of operation that will not interfere with or impair the service or any facilities of the other or any third parties connected with or involved directly in the network of the other.
<b>B.</b>	The TC will work cooperatively with the Telephone Company in connection with the Telephone Company's effort to provide highly reliable voice grade local exchange service to its end user customer. Such cooperation will extend to a variety of possible matters, including but not limited to the following examples. <ol style="list-style-type: none"> <li>1. Handling trouble reports</li> <li>2. Maintaining voice access to 911/E911</li> <li>3. Alarm conditions</li> <li>4. Maintaining database accuracy</li> <li>5. Dispatch to coordinate access and testing</li> <li>6. 7 x 24 availability for emergency situations</li> <li>7. Notification of service failures</li> </ol>
<b>C.</b>	<b>Technical Specifications</b> —Line sharing arrangements must comply with TR 72575. The xDSL technology used by the TC for line sharing arrangements must operate within the power spectral density limits set forth in T1.413.1998 (ADSL), T1.419–200 (Splitterless ADSL) or TR59–1999 (RADSL) and multiple virtual line (a proprietary technology) within the power spectral density limits of T1.601–1998 and within the transmit power spectral density limits of T1.601–1998.
<b>D.</b>	The Telephone Company and the TC will have joint responsibility to educate its end user customer regarding which service provider should be called for problems with their respective voice or advanced data service offerings.
<b>E.</b>	The Telephone Company and the TC will work together to address customer initiated repair requests and to minimize adverse impacts to the customer.
<b>F.</b>	Wideband test access, which provides mechanized line testing, will be available for maintenance purposes after the service order has been completed. The CLEC will utilize the circuit number to initiate a test.

<b>19.1.4 Responsibility of the TC</b>	
<b>A.</b>	The TC must provide an ANSI approved splitter at the wire center as described in Part E, Section 2.5 or 3.4.
<b>B.</b>	The TC must provide its own DSLAM equipment in a collocation arrangement and any necessary CPE for the xDSL service it intends to provide (including CPE splitters, filters, and/or other equipment necessary for the end user to receive separate voice and advanced data services across the shared loop).

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<b>19.1.4 Responsibility of the TC</b>	
<b>C.</b>	The TC must notify the Telephone Company's voice customer that a disruption of the customer's voice grade service may occur during the provisioning, trouble isolation or repair of the TC's advanced data service over a line sharing arrangement. The TC must obtain concurrence and acknowledgment from the customer.
<b>D.</b>	The TC must provide the Telephone Company with information regarding the type of xDSL technology that it deploys on each shared loop. The TC must notify the Telephone Company of any proposed change in technology on a shared loop in order for the Telephone Company to update loop records and anticipate effects that the change may have on the voice grade service and other loops in the same or adjacent binder groups.
<b>E.</b>	The TC shall attempt to notify the Telephone Company's end user customer prior to initiating any activity such as wiring or testing on a shared loop that may disrupt or interfere with the customer's voice grade service.

<b>19.1.5 Repair and Maintenance</b>	
<b>A.</b>	The TC will be responsible for repairing advanced data services it offers over the line sharing arrangement. The Telephone Company will retain primary responsibility for voice band trouble tickets, including repairing analog voice grade services and the physical line between the loop demarcation point at the end user customer premises and the point of demarcation in the central office.
<b>B.</b>	When the Telephone Company provides inside wire maintenance services to the customer, the Telephone Company will only be responsible for testing and repairing the inside wire for the voice grade services. The Telephone Company will not test, repair, or upgrade inside wire to clear trouble calls associated with the TC's advanced data services.
<b>C.</b>	Before issuing a trouble ticket to the Telephone Company, the TC shall validate whether the customer's trouble arises from the TC's advanced data service. If the trouble is isolated to the analog voice grade service provided by the Telephone Company, a trouble ticket may be issued to the Telephone Company.
<b>D.</b>	<p>If a customer reports a trouble on its voice grade service and the Telephone Company determines the cause arises from the TC's advanced data services equipment, including but not limited to splitter problems or TC activities, the Telephone Company will take the following action.</p> <ol style="list-style-type: none"> <li><b>Step 1</b>—Notify the TC and request to test the trouble on its advanced data service.</li> <li><b>Step 2</b>—If the end user customer's service is degraded such that the end user customer cannot originate or receive voice grade calls or encounters unacceptable transmission, the Telephone Company may take steps to restore the end user customer's voice grade service.</li> </ol>

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19.1.5 Repair and Maintenance	
D. (Continued)	
3.	<b>Step 3</b> —The Telephone Company's restoration efforts may include the removal of the TC-provided splitter and other advanced services equipment from the end user customer's link.
4.	<b>Step 4</b> —Upon notification from the TC that the trouble has been cleared, the Telephone Company will restore the splitter and other advanced services equipment on the end user customer's link.
E.	The Telephone Company shall not be held liable for damages of any kind resulting from temporary disruptions to the TC's advanced data service caused by following Steps 1–4 to restore the end user's voice grade service.

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**19.2 Application of Rates and Charges**

<b>19.2.1 NRCs</b>	
<b>A.</b>	The following NRCs apply as appropriate (refer to Part A, Section 3.3).
1.	<b>Service Order</b>
2.	<b>Service Connection-Central Office Wiring</b> —A First Link and an Additional Link NRC applies to each link arranged for line sharing.
3.	<b>Service Connection-Other</b>
4.	<b>Manual Intervention Surcharges</b> (on a standard basis or an expedited basis, as appropriate)
5.	<b>Installation Dispatch Out</b>
6.	<b>Customer Misdirect-In</b>
7.	<b>Customer Misdirect-Out</b>
8.	<b>Customer Not Ready-In</b>
9.	<b>Dispatch Out of Hours</b>
<b>B.</b>	<b>Customer Misdirect-In</b> —Also applies when the Telephone Company isolates and temporarily removes a malfunctioning advanced data service from the TC's line and completes Steps 1–4 contained in Section 19.1.5.

<b>19.2.2 Monthly Rates</b>	
<b>A.</b>	<b>Wideband Test Access</b> —Applies per line.

<b>19.2.3 Other</b>	
<b>A.</b>	xDSL qualified and digital designed link rates and charges, as appropriate, will apply (refer to Part B, Section 5.4).
<b>B.</b>	Splitter arrangement rates and charges will apply (refer to Part E, Section 2.5 or 3.4).